

ABSTRACT OF THE DISCLOSURE

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2 A double sensing face motor structure includes a base board defining
3 an axial hole, and a plurality of coils mounted around a periphery of the axial
4 hole in an equally spaced annular manner. A sensor member and a start
5 member are mounted on the base board. Two rotors are respectively located on
6 an upper side and a lower side of the base board to integrally combine with
7 each other. Each of the two rotors is provided with a permanent magnet
8 respectively mating with the coils of the base board. One of the two rotors is
9 provided with a central shaft that is rotatably mounted in the axial hole of the
10 base board in a positioning manner.